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Complete if Known Substitute for form 1449/PTO **Application Number** 10/617,767 Filing Date July 14, 2003 ORMATION DISCLOSURE First Named Inventor Jung-hyun LEE, et al EMENT BY APPLICANT Art Unit 2822 (Use as many sheets as necessary) C. L. NOVACEK **Examiner Name** Attorney Docket Number 249/349

			U. S. PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US- 6,407,435 B1	06-18-2002	MA, et al.		
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY			T⁵
		EP 0-540-994 A1	05-12-1993	ARGOS, et al.		\equiv
CX		EP 1 341 217 A2	09-03-2003	LEE, et al.		
		WO 02/31875-A2/A3	 04-18-2002	HAUKKA, et al.		
CK		JP 2001-267566 *	09-28-2001	MA, et al.		
		*=US 6,407,435				E
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Examiner Signature	Chusty Karacek	Date Considered	12/22/04

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Subsult	ne la lain 144a/F 10			Application Number	10/617,767	
INF	ORMATION	DIS	CLOSURE	Filing Date	July 14, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Jung-hyun LEE, et al	
(Use as many sheets as necessary)				Art Unit	2822	
			recessary)	Examiner Name	C. L. NOVACEK	
Sheet	2	of	2	Attorney Docket Number	249/349	

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	<u> </u>	CHOI, et al., *, Jpn. J. of Applied Physics, 40(4B, Part 1):2940-2942, (April 2001)	_
		*Entitled: "Electrical Characteristics of Pt/SrBi2Ta2O9/Ta2O5/Si Using Ta2O5 as the Buffer Layer"	
		CLARK-PHELPS, et al. **, Mat. Res. Sec. Symp. Proc. Vol. 670, Society, K2-2-1-6 (2001)	
		** Entitled: "Engineered tantalum aluminate and hafnium aluminate ALD films for ultrathin "	
		WILK, et al., ***, Journal of Applied Physics, Vol. 89, No. 10:5243-5275, (May-15, 2001)	
·		Entitled: "High-k gate dielectrics: Current status and materials properties eensiderations"	
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Examiner Signature	Christy Karacek	Date Considered	12/22/04

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